## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8	computer same fan same drive same pwm	USPAT	OR	ON	2006/06/29 11:31
S2	24	("20030193307"   "20040001542"   "4722669"   "4727468"   "5249741"   "5307439"   "5687079"   "5727928"   "5825972"   "5942866"   "5962933"   "5990582"   "6182902"   "6188189"   "6208538"   "6226324"   "6247898"   "6262549"   "6519167"   "6528987"   "6563284"   "6601168"   "6650074"   "6661679").PN. OR ("6874327").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/23 15:00
S3	2526	computer same cooling same fan	USPAT	OR	ON	2006/06/26 07:38
S4	88	S3 and pwm	USPAT	OR	ON	2006/06/26 11:25
S5	60	computer same fan same pwm	US-PGPUB; USPAT	OR	ON	2006/06/30 13:06
S6	229	cooling same fan same pwm	US-PGPUB; USPAT	OR	ON	2006/06/30 13:57
S7	1072	(4-bit or four-bit) and pwm and control\$3	US-PGPUB; USPAT	OR	ON	2006/06/30 13:58
S8	126	S7 and fan	US-PGPUB; USPAT	OR	ON.	2006/06/30 13:58
S9	77	("4267500"   "5102040"   "5197858"   "5249741"   "5484012"   "5526289"   "5563480").PN. OR ("5777897").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/30 14:04
S10	64	("4734871"   "4756473"   "4787032"   "4851987"   "4980836"   "4980850"   "5012408"   "5040153"   "5056009"   "5115225"   "5125088"   "5129069"   "5189314"   "5230055"   "5269010"   "5287292"   "5291607"   "5359719"   "5369771"   "5392437"   "5418751"   "5422806"   "5422832"   "5451892"   "5473767"   "5481210"   "5483102"   "5484012"   "5485127"   "5490059"   "5504908"   "5513331"   "5513361"   "5522062"   "5526239"   "5526289"   "5535368"   "5546568"   "5557550"   "5560001"   "5560002"   "5572692"   "57766407"   "5721837"   "5752011"   "5777897"   "5798918"   "5926386"   "5974557"   "6014611"   "6029119"   "6047248").PN. OR ("6243656").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/30 14:22
S11	18	"pwm control" same signal same combination same cycle	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 13:32

## **EAST Search History**

S12	3	("6381406"   "6528987").PN. OR ("6778938").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/30 15:18
S13	10	(("6223700") or ("5220255") or ("5376872") or ("5448141") or ("5653386") or ("5727928") or ("5744927") or ("5788213") or ("5947189") or ("6040668")).PN.	USPAT; USOCR	OR	OFF	2006/06/30 15:29
S14	10	(("6092380") or ("6118239") or ("6125798") or ("6135718") or ("6188189") or ("6199398") or ("6239991") or ("6381406") or ("6392372") or ("6483423")).PN.	USPAT; USOCR	OR	OFF	2006/07/03 09:05
S15	10	(("6512346") or ("6545438") or ("6650074") or ("6774587") or ("6778938") or ("6809484") or ("6874327") or ("6876164") or ("5723967") or ("4928750")).PN.	USPAT; USOCR	OR	OFF	2006/07/03 09:20
S16	9	(("5683246") or ("6262549") or ("6396933") or ("6435925") or ("6940235") or ("6211635") or ("5298848") or ("5524556") or ("5720231")).PN.	USPAT; USOCR	OR	OFF	2006/07/03 09:24
S17	8	(("5806440") or ("6021252") or ("4926104") or ("5184025") or ("5291383") or ("5422557") or ("5457623") or ("5528114")).PN.	USPAT; USOCR	OR	OFF	2006/07/03 09:25
S18	0	("20030193307,20040001542, 4722669,4727468,5249741,5307439, 5687079,5727928,5825972,5942866, 5962933,5990582,6182902,6188189, 6208538,6247898,6262549,6519167, 6528987,6563284,6601168,6650074, 6661679").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/03 11:56
S19	23	(("20030193307") or ("20040001542") or ("4722669") or ("4727468") or ("5249741") or ("5307439") or ("5687079") or ("5942866") or ("5825972") or ("5990582") or ("6182902") or ("6188189") or ("6208538") or ("6247898") or ("6262549") or ("6563284") or ("6601168") or ("6650074") or ("6661679")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/03 13:11
S20	7	("5727928" "5942866" "6381406" "64 48896" "6481974" "6737860" "688516 0").PN.	USPAT	OR	ON	2006/07/03 13:25

## **EAST Search History**

S21	5	("4856078" "5563480" "6385395" "66 46396" "6703803").PN.	USPAT	OR	ON	2006/07/03 13:38
S22	23	("0001542" "4722669" "4727468" "52 49741" "5307439" "5687079" "572792 8" "5825972" "5942866" "5962933" "5 990582" "6182902" "6188189" "62085 38" "6226324" "6247898" "6262549" " 6519167" "6528987" "6563284" "6601 168" "6650074" "6661679").PN.	USPAT	OR	ON	2006/07/03 13:38
S23	138	motor same "driving cycle"	USPAT	OR	ON	2006/07/05 12:34
S24	173	fan same "response time"	USPAT	OR	ON	2006/07/05 12:35
S25	24	fan same "response time" same short\$2	USPAT	OR	ON	2006/07/05 12:56
S26	12	fan same "response time" same short\$2 same motor	USPAT	OR	ON	2006/07/05 14:31
S27	76	pwm same alternate same speed	USPAT	OR	ON	2006/07/05 14:32
S28	44	"pwm control signals" same combination	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 13:33